

Converting Colors

YUV(135.8580, -25.0730,
-31.4475)

Have a look what the booklet for
YUV(135.8580, -25.0730, -31.4475)
contains.

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Color

**YUV(135.8580, -25.0730,
-31.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	64A455
RGB	100, 164, 85
RGB Percent	39%, 64%, 33%
CMY	0.6078, 0.3569, 0.6667
CMYK	0.39, 0.00, 0.48, 0.36
HSL	109°, 32%, 49%
HSV	109°, 48%, 64%
XYZ	20.1707, 29.9161, 13.3056
YIQ	135.8580, -12.7850, -38.1370

Conversions

Conversions Part 2

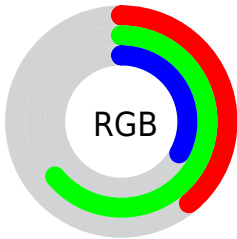
Format	Color
R_{YB}	85, 164, 149
Decimal	6595669
CIE _{Lab}	61.58, -36.17, 34.51
CIE _{LCh}	62, 49.991, 136.339
Yxy	29.9161, 0.3182, 0.4719
Android (android.graphics.Color)	4284785749 (0xFF64A455)
YUV	135.8580, -25.0730, -31.4475
Hunter-Lab	54.6956, -29.8900, 23.8637

Details

The YUV color **135.8580, -25.0730, -31.4475** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **113.1420, 25.0730, 31.4475**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1030, -26.6728, -31.6623**, and **84.0150, -23.1784, -32.4622** is the 20% darker color. If you saturate the color by 10%, you get **130.1470, -30.1455, -37.8399**, and if you desaturate by 10%, it is **141.5690, -20.0005, -25.0550**.

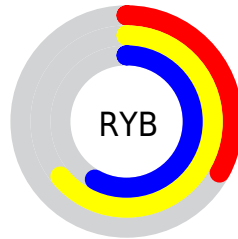
Distribution



Red (39%)

Green (64%)

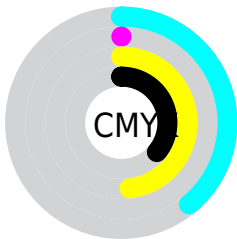
Blue (33%)



Red (33%)

Yellow (64%)

Blue (58%)

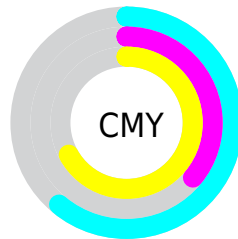


Cyan (39%)

Magenta (0%)

Yellow (48%)

Black (36%)



Cyan (61%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8580, -25.0730, -31.4475 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 135.8580, -25.0730, -31.4475 by changing the saturation by 10% instead.

■ 135.8580,
-25.0730, -31.4475

■ 135.8580,
-25.0730, -31.4475

■ 255.0000, 0.0000,
0.0000

■ 109.4990,
-23.9100, -31.1326

■ 190.1030,
-26.6728, -31.6623

■ 84.0150, -23.1784,
-32.4622

■ 218.5760,
-27.3990, -32.0772

■ 57.4060, -22.8782,
-35.4361

■ 234.1350,
-21.7586, -21.1664

■ 36.9810, -18.2316,
-32.4323

■ 245.9980,
-13.8030, -6.1372

■ 24.0670, -11.8650,
-21.1068

■ 254.0880, -3.4944,
0.7998

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,

0.0000

■ 135.8580,
-25.0730, -31.4475

■ 135.8580,
-25.0730, -31.4475

■ 130.1470,
-30.1455, -37.8399

■ 141.5690,
-20.0005, -25.0550

■ 124.0230,
-35.5073, -44.7472

■ 147.6930,
-14.6386, -18.1478

■ 118.3120,
-40.5798, -51.1396

■ 153.4040, -9.5662,
-11.7553

■ 112.4870,
-46.0891, -57.4321

■ 159.2290, -4.0569,
-5.4628

■ 106.7760,
-51.1616, -63.8246

■ 164.9400, 1.0156,
0.9296

■ 105.5370,
-52.0297, -65.3689

■ 170.9500, 5.9407,
7.9369

■ 176.7750, 11.4499,
14.2293

■ 182.4860, 16.5224,
20.6218

■ 188.6100, 21.8843,
27.5290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142.2730, -41.0536, 7.6536



135.8580, -25.0730, -31.4475



114.1540, 5.8401, -100.1131

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



135.8580, -25.0730, -31.4475



120.0090, 56.1976, -105.2479



148.5900, -11.1369, 72.2736

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



135.8580, -25.0730, -31.4475



113.1420, 25.0730, 31.4475

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.6050, 9.5617, 59.9824



135.8580, -25.0730, -31.4475



146.4750, 43.1498, -26.7266

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



135.8580, -25.0730, -31.4475



122.7840, 43.9835, -107.6816



153.2060, 27.9994, 26.1293



147.7850, -30.4600, 63.3326

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135.8580, -25.0730, -31.4475



118.2750, 19.0914, -103.7272



153.2060, 27.9994, 26.1293



149.4140, -4.1481, 70.6739

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



135.8580, -25.0730, -31.4475



203.4040, -9.5662, -11.7553



145.6020, -29.8768, 16.1350



100.4630, -5.6513, -7.4221



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.8580, -25.0730, -31.4475



169.9640, -39.4223, -49.0804



134.1090, -12.3787, -43.0686



78.8810, -2.8993, -3.4036



93.4870, -46.0891, -57.4321



11.4630, -5.6513, -7.4221

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.1420, 25.0730, 31.4475



134.3350, 39.2748, 49.6952



114.8910, 12.3787, 43.0686



76.1190, 2.8993, 3.4036



51.8120, 45.9417, 58.0469



6.2380, 5.7987, 6.8073

Previews

White Background



This preview shows how the YUV color 135.8580, -25.0730, -31.4475 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 135.8580, -25.0730, -31.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

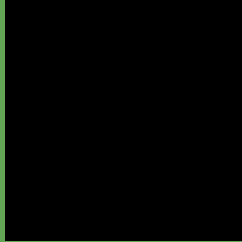
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.8580, -25.0730, -31.4475 Background



This preview shows how black text looks on a background with the YUV color 135.8580, -25.0730, -31.4475.



This preview shows how white text looks on a background with the YUV color 135.8580, -25.0730, -31.4475.

-31.4475.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

135.8580, -25.0730, -31.4475

Protanopia

144.6190, -32.3502, 16.1201

Deuteranopia

146.6620, -27.4414, 28.3604



Tritanopia

144.4080, 11.1379, -25.7908

Trichromacy



Original Color

135.8580, -25.0730, -31.4475

Protanomaly

141.4920, -29.8226, -1.3085

Deuteranomaly

142.4590, -26.3553, 6.6135

Tritanomaly

141.2540, -2.0972, -27.4098

Monochromacy



Original Color

135.8580, -25.0730, -31.4475

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8170, -9.2768, -11.2405

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8580, -25.0730, -31.4475 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(100, 164, 85)` looks like.

```
.text, #text, p{  
    color:rgb(100, 164, 85)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(100, 164, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 164, 85) }
```

Border

The CSS property to change the border of an element to YUV 135.8580, -25.0730, -31.4475 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 164, 85) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(100, 164, 85) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(100, 164, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 164, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 164, 85);  
box-shadow:4px 4px 4px 4px rgb(100, 164,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 135.8580, -25.0730, -31.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 164, 85) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(100,  
164, 85) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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